



# CLEAR SOLUTIONS for complex fluids

## Multiliner Cyclonic Desander for Production Wells



### CHALLENGE

- Sand separation down to 15 micron with exceedingly fine and silt type of sand



### SOLUTION

- CETCO Energy Services (CETCO) delivers a Multiliner Cyclonic Desander for production wells



### RESULTS

- Client was able to produce this well to export for an extended period beyond expectations

# Multiliner Cyclonic Desander for Production Wells

## CHALLENGE

CETCO was approached by a client to provide a solution for their sand-producing problems.

Previously, the client had engaged with another vendor whose equipment, unfortunately, failed after only two weeks of operation, resulting in the client having to shut in a problematic gas well.

Following analysis it was revealed the solids particle sizes were as low as 5 -15 microns. Experience has shown that removing particles this small is undoubtedly challenging. CETCO Indonesia has Multiliner Cyclonic Desanders in their rental fleet which utilize smaller ceramic liners.

The challenge was accepted, with the client acknowledging the probability of a reduced separation efficiency.

## CETCO SOLUTION

CETCO Indonesia mobilized a Multiliner Cyclonic Desander Unit. A total of 475 kg of sand/solids were removed in the first phase for Well BA-07.

In the second phase, sand/solid continued to be collected totaling 1.7 tons. Operations are still ongoing a year after installation.

## RESULTS

CETCO Indonesia's Solid Management System & Technologies team have successfully executed innovative solutions with a CETCO Multiliner Cyclonic Desander unit.

The project has enabled prolonged production of this troublesome well enabling increased gas production for export. The client is delighted with the overall success of this ongoing project, with the removal efficiency of particles <15 microns exceeding their expectations. This has resulted in the client extending the existing contract.

